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(21) International Application Number: PCT/GB91/01068 (22) International Filing Date: 1 July 1991 (01.07.91) (30) Priority data: 9014486.6 29 June 1990 (29.06.90) GB (71) Applicant (for all designated States except US): WABCO AUTOMOTIVE UK LIMITED [GB/GB]; 90 Newbold Road, Rugby, Warwickshire CV21 2NL (GB). (72) Inventors; and (75) Inventors/Applicants (for US only) : THOMPSON, Derek [GB/GB]; 28 Ash Grove, North Hykham, Lincoln LN6 8DU (GB). BAINES, Robert, George [GB/GB]; 4 Som- erset Close, Stowe, Lincoln LN1 2DB (GB).		(74) Agent: HARTLEY, David; Withers & Rogers, 4 Dyers Buildings, Holborn, London EC1N 2JT (GB). (81) Designated States: AT (European patent), BE (European patent), CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (Eu- ropean patent), GB (European patent), GR (European patent), IT (European patent), JP, LU (European pa- tent), NL (European patent), SE (European patent), US. Published <i>With international search report.</i>
(54) Title: AN EXHAUST MODULATOR (57) Abstract This invention relates to an exhaust modulator in or to be fitted in the exhaust sys- tem of an engine, comprising a body (10) defining a flowpath therethrough for engine exhaust gases, a gate (44) in the exhaust flowpath movable between an open and a closed position, one or more bleed flowpaths (46) communicating between opposite sides of the gate, and flow control means (41) operable in response to one or more operating param- eters to control the flow of exhaust gases along the said one or more bleed flowpaths so as to limit the back pressure applied to the engine to different predetermined levels as re- quired for operation of the modulator in selected modes.		

